RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: _10/590,940_
Source: _1FWP_
Date Processed by STIC: _9/6/06_

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: _/0/590,940_

CRF Edit Date: _9/6/06_
Edited by: _AV_

____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

____ Corrected the SEQ ID NO. Sequence numbers edited were:

_____

____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____

____ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

_✓_ Inserted mandatory headings/numeric identifiers, specifically:

<220> in Sequence 3

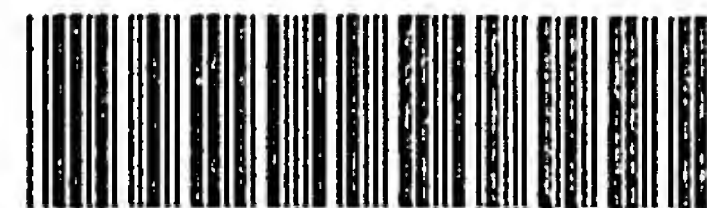____ Moved responses to same line as heading/numeric identifier, specifically:

_____

____ Other:

_____
_____
_____

IFWP

```
RAW SEQUENCE LISTING          DATE: 09/06/2006
PATENT APPLICATION:  US/10/590,940    TIME: 18:58:06

        Input Set : A:\PTO.AMC.txt
        Output Set: N:\CRF4\09062006\J590940.raw

   3 <110> APPLICANT: Consiglio Nazionale delle Ricerche
   4        Domenico GERACI
   5        Angela BONURA
   6        Paolo COLOMBO
   8 <120> TITLE OF INVENTION: Fusion proteins comprising modified allergens of the NS-LTPS
   9        family, use thereof and pharmaceutical compositions comprising
  10        the same
  12 <130> FILE REFERENCE: 4161-18 / BW352R
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/590,940
  15 <141> CURRENT FILING DATE: 2006-08-28
  17 <150> PRIOR APPLICATION NUMBER: PCT/IB2005/050714
  18 <151> PRIOR FILING DATE: 2005-02-28
  20 <150> PRIOR APPLICATION NUMBER: IT RM2004A000103
  21 <151> PRIOR FILING DATE: 2004-02-27
  23 <160> NUMBER OF SEQ ID NOS: 7
  25 <170> SOFTWARE: MS Word
  27 <210> SEQ ID NO: 1
  28 <211> LENGTH: 732
  29 <212> TYPE: DNA
  30 <213> ORGANISM: Parietaria judaica
  32 <220> FEATURE:
  33 <221> NAME/KEY: CDS
  34 <222> LOCATION: (1)..(729)
  36 <220> FEATURE:
  37 <221> NAME/KEY: misc_feature
  38 <222> LOCATION: (10)..(12)
  39 <223> OTHER INFORMATION: n is a, c, g, or t
  41 <220> FEATURE:
  42 <221> NAME/KEY: misc_feature
  43 <222> LOCATION: (40)..(42)
  44 <223> OTHER INFORMATION: n is a, c, g, or t
  46 <220> FEATURE:
  47 <221> NAME/KEY: misc_feature
  48 <222> LOCATION: (85)..(90)
  49 <223> OTHER INFORMATION: n is a, c, g, or t
  51 <220> FEATURE:
  52 <221> NAME/KEY: misc_feature
  53 <222> LOCATION: (148)..(150)
  54 <223> OTHER INFORMATION: n is a, c, g, or t
  56 <220> FEATURE:
  57 <221> NAME/KEY: misc_feature
  58 <222> LOCATION: (154)..(156)
  59 <223> OTHER INFORMATION: n is a, c, g, or t
```

RAW SEQUENCE LISTING   DATE: 09/06/2006
PATENT APPLICATION: US/10/590,940   TIME: 18:58:06

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\09062006\J590940.raw

```
 61 <220> FEATURE:
 62 <221> NAME/KEY: misc_feature
 63 <222> LOCATION: (223)..(225)
 64 <223> OTHER INFORMATION: n is a, c, g, or t
 66 <220> FEATURE:
 67 <221> NAME/KEY: misc_feature
 68 <222> LOCATION: (271)..(273)
 69 <223> OTHER INFORMATION: n is a, c, g, or t
 71 <220> FEATURE:
 72 <221> NAME/KEY: misc_feature
 73 <222> LOCATION: (322)..(324)
 74 <223> OTHER INFORMATION: n is a, c, g, or t
 76 <220> FEATURE:
 77 <221> NAME/KEY: misc_feature
 78 <222> LOCATION: (352)..(354)
 79 <223> OTHER INFORMATION: n is a, c, g, or t
 81 <220> FEATURE:
 82 <221> NAME/KEY: misc_feature
 83 <222> LOCATION: (397)..(402)
 84 <223> OTHER INFORMATION: n is a, c, g, or t
 86 <220> FEATURE:
 87 <221> NAME/KEY: misc_feature
 88 <222> LOCATION: (460)..(462)
 89 <223> OTHER INFORMATION: n is a, c, g, or t
 91 <220> FEATURE:
 92 <221> NAME/KEY: misc_feature
 93 <222> LOCATION: (466)..(468)
 94 <223> OTHER INFORMATION: n is a, c, g, or t
 96 <220> FEATURE:
 97 <221> NAME/KEY: misc_feature
 98 <222> LOCATION: (535)..(537)
 99 <223> OTHER INFORMATION: n is a, c, g, or t
101 <220> FEATURE:
102 <221> NAME/KEY: misc_feature
103 <222> LOCATION: (583)..(585)
104 <223> OTHER INFORMATION: n is a, c, g, or t
106 <400> SEQUENCE: 1
```

```
W-->  108 gag gag gct nnn ggg aaa gtg gtg cag gat ata atg ccg nnn ctg cat    48
      109 Glu Glu Ala Xaa Gly Lys Val Val Gln Asp Ile Met Pro Xaa Leu His
      110 1               5                   10                  15
      112 ttc gtg aag ggg gag gag aag gag ccg tcg aag gag nnn nnn agc ggc    96
      113 Phe Val Lys Gly Glu Glu Lys Glu Pro Ser Lys Glu Xaa Xaa Ser Gly
      114             20                  25                  30
      116 acg aag aag ctg agc gag gag gtg aag acg acg gag cag aag agg gag   144
      117 Thr Lys Lys Leu Ser Glu Glu Val Lys Thr Thr Glu Gln Lys Arg Glu
      118             35                  40                  45
      120 gcc nnn aag nnn ata gtg cgc gcc acg aag ggc atc tcc ggt atc aaa   192
      121 Ala Xaa Lys Xaa Ile Val Arg Ala Thr Lys Gly Ile Ser Gly Ile Lys
      122         50                  55                  60
```

RAW SEQUENCE LISTING   DATE: 09/06/2006
PATENT APPLICATION: **US/10/590,940**   TIME: 18:58:06

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\09062006\J590940.raw**

```
124 aat gaa ctt gtc gcc gag gtc ccc aag aag nnn gat att aag acc act      240
125 Asn Glu Leu Val Ala Glu Val Pro Lys Lys Xaa Asp Ile Lys Thr Thr
126  65                      70                  75                  80
128 ctc ccg ccc atc acc gcc gac ttc gac tgc nnn aag atc caa agt act      288
129 Leu Pro Pro Ile Thr Ala Asp Phe Asp Cys Xaa Lys Ile Gln Ser Thr
130                      85                  90                  95
132 att ttc aga ggt tac tat gga ttc caa gaa acc nnn ggg act atg gtg      336
133 Ile Phe Arg Gly Tyr Tyr Gly Phe Gln Glu Thr Xaa Gly Thr Met Val
134                 100                 105                 110
136 aga gcg ctg atg ccg nnn ctg ccg ttc gtg cag ggg aaa gag aaa gag      384
137 Arg Ala Leu Met Pro Xaa Leu Pro Phe Val Gln Gly Lys Glu Lys Glu
138             115                 120                 125
140 ccg tca aag ggg nnn nnn agc ggc gcc aaa aga ttg gac ggg gag acg      432
141 Pro Ser Lys Gly Xaa Xaa Ser Gly Ala Lys Arg Leu Asp Gly Glu Thr
142         130                 135                 140
144 aag acg ggg ccg cag agg gtg cac gct nnn gag nnn atc cag acc gcc      480
145 Lys Thr Gly Pro Gln Arg Val His Ala Xaa Glu Xaa Ile Gln Thr Ala
146 145                 150                 155                 160
148 atg aag act tat tcc gac atc gac ggg aaa ctc gtc agc gag gtc ccc      528
149 Met Lys Thr Tyr Ser Asp Ile Asp Gly Lys Leu Val Ser Glu Val Pro
150                 165                 170                 175
152 aag cac nnn ggc atc gtt gac agc aag ctc ccg ccc att gac gtc aac      576
153 Lys His Xaa Gly Ile Val Asp Ser Lys Leu Pro Pro Ile Asp Val Asn
154             180                 185                 190
156 atg gac nnn aag aca gtt gga gtg gtt cct cgg caa ccc caa ctt cca      624
157 Met Asp Xaa Lys Thr Val Gly Val Val Pro Arg Gln Pro Gln Leu Pro
158         195                 200                 205
160 gtc tct ctc cgt cat ggt ccc gtc acg ggc cca agt gat ccc gcc cac      672
161 Val Ser Leu Arg His Gly Pro Val Thr Gly Pro Ser Asp Pro Ala His
162     210                 215                 220
164 aaa gca cgg ttg gag aga ccc cag att aga gtt ccg ccc ccc gca ccg      720
165 Lys Ala Arg Leu Glu Arg Pro Gln Ile Arg Val Pro Pro Pro Ala Pro
166 225                 230                 235                 240
168 gaa aaa gcc taa                                                      732
169 Glu Lys Ala
172 <210> SEQ ID NO: 2
173 <211> LENGTH: 243
174 <212> TYPE: PRT
175 <213> ORGANISM: Parietaria judaica
178 <220> FEATURE:
179 <221> NAME/KEY: misc_feature
180 <222> LOCATION: (4)..(4)
181 <223> OTHER INFORMATION: Xaa at location 4 stands for Lys, Asn, Arg, Ser, Thr, Ile,
Met,
182      Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, Tyr, Trp, Cys or Phe
184 <220> FEATURE:
185 <221> NAME/KEY: misc_feature
186 <222> LOCATION: (14)..(14)
187 <223> OTHER INFORMATION: Xaa at location 14 stands for Lys, Asn, Arg, Ser, Thr, Ile,
Met,
188      Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, Tyr, Trp, Cys or Phe
```

```
190 <220> FEATURE:
191 <221> NAME/KEY: misc_feature
192 <222> LOCATION: (29)..(29)
193 <223> OTHER INFORMATION: Xaa at location 29 stands for Lys, Asn, Arg, Ser, Thr, Ile,
Met,
194        Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, Tyr, Trp, Cys or Phe
196 <220> FEATURE:
197 <221> NAME/KEY: misc_feature
198 <222> LOCATION: (30)..(30)
199 <223> OTHER INFORMATION: Xaa at location 30 stands for Lys, Asn, Arg, Ser, Thr, Ile,
Met,
200        Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, Tyr, Trp, Cys or Phe
202 <220> FEATURE:
203 <221> NAME/KEY: misc_feature
204 <222> LOCATION: (50)..(50)
205 <223> OTHER INFORMATION: Xaa at location 50 stands for Lys, Asn, Arg, Ser, Thr, Ile,
Met,
206        Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, Tyr, Trp, Cys or Phe
208 <220> FEATURE:
209 <221> NAME/KEY: misc_feature
210 <222> LOCATION: (52)..(52)
211 <223> OTHER INFORMATION: Xaa at location 52 stands for Lys, Asn, Arg, Ser, Thr, Ile,
Met,
212        Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, Tyr, Trp, Cys or Phe
214 <220> FEATURE:
215 <221> NAME/KEY: misc_feature
216 <222> LOCATION: (75)..(75)
217 <223> OTHER INFORMATION: Xaa at location 75 stands for Lys, Asn, Arg, Ser, Thr, Ile,
Met,
218        Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, Tyr, Trp, Cys or Phe
220 <220> FEATURE:
221 <221> NAME/KEY: misc_feature
222 <222> LOCATION: (91)..(91)
223 <223> OTHER INFORMATION: Xaa at location 91 stands for Lys, Asn, Arg, Ser, Thr, Ile,
Met,
224        Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, Tyr, Trp, Cys or Phe
226 <220> FEATURE:
227 <221> NAME/KEY: misc_feature
228 <222> LOCATION: (108)..(108)
229 <223> OTHER INFORMATION: Xaa at location 108 stands for Lys, Asn, Arg, Ser, Thr, Ile,
Met,
230        Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, Tyr, Trp, Cys or Phe
232 <220> FEATURE:
233 <221> NAME/KEY: misc_feature
234 <222> LOCATION: (118)..(118)
235 <223> OTHER INFORMATION: Xaa at location 118 stands for Lys, Asn, Arg, Ser, Thr, Ile,
Met,
236        Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, Tyr, Trp, Cys or Phe
238 <220> FEATURE:
239 <221> NAME/KEY: misc_feature
240 <222> LOCATION: (133)..(133)
241 <223> OTHER INFORMATION: Xaa at location 133 stands for Lys, Asn, Arg, Ser, Thr, Ile,
Met,
```

```
242        Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, Tyr, Trp, Cys or Phe
244 <220> FEATURE:
245 <221> NAME/KEY: misc_feature
246 <222> LOCATION: (134)..(134)
247 <223> OTHER INFORMATION: Xaa at location 134 stands for Lys, Asn, Arg, Ser, Thr, Ile,
Met,
```

RAW SEQUENCE LISTING   DATE: 09/06/2006
PATENT APPLICATION: US/10/590,940   TIME: 18:58:06

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\09062006\J590940.raw**

```
      248       Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, Tyr, Trp, Cys or Phe
      250 <220> FEATURE:
      251 <221> NAME/KEY: misc_feature
      252 <222> LOCATION: (154)..(154)
      253 <223> OTHER INFORMATION: Xaa at location 154 stands for Lys, Asn, Arg, Ser, Thr, Ile,
Met,
      254       Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, Tyr, Trp, Cys or Phe
      256 <220> FEATURE:
      257 <221> NAME/KEY: misc_feature
      258 <222> LOCATION: (156)..(156)
      259 <223> OTHER INFORMATION: Xaa at location 156 stands for Lys, Asn, Arg, Ser, Thr, Ile,
Met,
      260       Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, Tyr, Trp, Cys or Phe
      262 <220> FEATURE:
      263 <221> NAME/KEY: misc_feature
      264 <222> LOCATION: (179)..(179)
      265 <223> OTHER INFORMATION: Xaa at location 179 stands for Lys, Asn, Arg, Ser, Thr, Ile,
Met,
      266       Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, Tyr, Trp, Cys or Phe
      268 <220> FEATURE:
      269 <221> NAME/KEY: misc_feature
      270 <222> LOCATION: (195)..(195)
      271 <223> OTHER INFORMATION: Xaa at location 195 stands for Lys, Asn, Arg, Ser, Thr, Ile,
Met,
      272       Glu, Asp, Gly, Ala, Val, Gln, His, Pro, Leu, Tyr, Trp, Cys or Phe
      274 <400> SEQUENCE: 2
W--> 276 Glu Glu Ala Xaa Gly Lys Val Val Gln Asp Ile Met Pro Xaa Leu His
      277  1               5                  10                  15
      279 Phe Val Lys Gly Glu Glu Lys Glu Pro Ser Lys Glu Xaa Xaa Ser Gly
      280             20                  25                  30
      282 Thr Lys Lys Leu Ser Glu Glu Val Lys Thr Thr Glu Gln Lys Arg Glu
      283             35                  40                  45
      285 Ala Xaa Lys Xaa Ile Val Arg Ala Thr Lys Gly Ile Ser Gly Ile Lys
      286         50                  55                  60
      288 Asn Glu Leu Val Ala Glu Val Pro Lys Lys Xaa Asp Ile Lys Thr Thr
      289  65                  70                  75                  80
      291 Leu Pro Pro Ile Thr Ala Asp Phe Asp Cys Xaa Lys Ile Gln Ser Thr
      292                 85                  90                  95
      294 Ile Phe Arg Gly Tyr Tyr Gly Phe Gln Glu Thr Xaa Gly Thr Met Val
      295             100                 105                 110
      297 Arg Ala Leu Met Pro Xaa Leu Pro Phe Val Gln Gly Lys Glu Lys Glu
      298         115                 120                 125
      300 Pro Ser Lys Gly Xaa Xaa Ser Gly Ala Lys Arg Leu Asp Gly Glu Thr
      301     130                 135                 140
      303 Lys Thr Gly Pro Gln Arg Val His Ala Xaa Glu Xaa Ile Gln Thr Ala
      304 145                 150                 155                 160
      306 Met Lys Thr Tyr Ser Asp Ile Asp Gly Lys Leu Val Ser Glu Val Pro
      307             165                 170                 175
      309 Lys His Xaa Gly Ile Val Asp Ser Lys Leu Pro Pro Ile Asp Val Asn
      310         180                 185                 190
      312 Met Asp Xaa Lys Thr Val Gly Val Val Pro Arg Gln Pro Gln Leu Pro
      313         195                 200                 205
      315 Val Ser Leu Arg His Gly Pro Val Thr Gly Pro Ser Asp Pro Ala His
```

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 09/06/2006
PATENT APPLICATION: **US/10/590,940** TIME: 18:58:07

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\09062006\J590940.raw**

<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 10,11,12,40,41,42,85,86,87,88,89,90,148,149,150,154,155,156
Seq#:1; N Pos. 223,224,225,271,272,273,322,323,324,352,353,354,397,398,399
Seq#:1; N Pos. 400,401,402,460,461,462,466,467,468,535,536,537,583,584,585
Seq#:1; Xaa Pos. 4,14,29,30,50,52,75,91,108,118,133,134,154,156,179,195
Seq#:2; Xaa Pos. 4,14,29,30,50,52,75,91,108,118,133,134,154,156,179,195

VERIFICATION SUMMARY   DATE: 09/06/2006
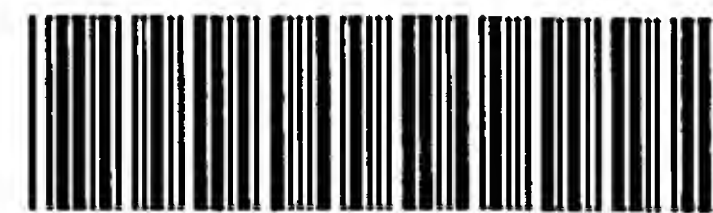PATENT APPLICATION: US/10/590,940   TIME: 18:58:07

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF4\09062006\J590940.raw**

L:14 M:270 C: Current Application Number differs, Wrong Format
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
M:341 Repeated in SeqNo=1
L:276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
M:341 Repeated in SeqNo=2
L:482 M:283 W: Missing Blank Line separator, <220> field identifier

Raw Sequence Listing before editing
(for reference only)

IFW

RAW SEQUENCE LISTING   DATE: 09/06/2006
PATENT APPLICATION: US/10/590,940   TIME: 10:23:41

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\09062006\J590940.raw

```
   3 <110> APPLICANT: Consiglio Nazionale delle Ricerche
   4         Domenico GERACI
   5         Angela BONURA
   6         Paolo COLOMBO
   8 <120> TITLE OF INVENTION: Fusion proteins comprising modified allergens of the NS-LTPS
   9         family, use thereof and pharmaceutical compositions comprising
  10         the same
  12 <130> FILE REFERENCE: 4161-18 / BW352R
C-->14 <140> CURRENT APPLICATION NUMBER: US/10/590,940
  15 <141> CURRENT FILING DATE: 2006-08-28
  17 <150> PRIOR APPLICATION NUMBER: PCT/IB2005/050714
  18 <151> PRIOR FILING DATE: 2005-02-28
  20 <150> PRIOR APPLICATION NUMBER: IT RM2004A000103
  21 <151> PRIOR FILING DATE: 2004-02-27
  23 <160> NUMBER OF SEQ ID NOS: 7
  25 <170> SOFTWARE: MS Word
```

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

```
 325 <210> SEQ ID NO: 3
 326 <211> LENGTH: 732
 327 <212> TYPE: DNA
 328 <213> ORGANISM: Parietaria judaica         insert <220>
 329 <221> NAME/KEY: CDS
 330 <222> LOCATION: (1)..(729)
E-->332 <400> SEQUENCE: 3
 334 gag gag gct agc ggg aaa gtg gtg cag gat ata atg ccg tgc ctg cat    48
 335 Glu Glu Ala Ser Gly Lys Val Val Gln Asp Ile Met Pro Cys Leu His
 336 1               5                   10                  15
 338 ttc gtg aag ggg gag gag aag gag ccg tcg aag gag agc agc agc ggc    96
 339 Phe Val Lys Gly Glu Glu Lys Glu Pro Ser Lys Glu Ser Ser Ser Gly
 340                 20                  25                  30
 342 acg aag aag ctg agc gag gag gtg aag acg acg gag cag aag agg gag   144
 343 Thr Lys Lys Leu Ser Glu Glu Val Lys Thr Thr Glu Gln Lys Arg Glu
 344             35                  40                  45
 346 gcc tgc aag tgc ata gtg cgc gcc acg aag ggc atc tcc ggt atc aaa   192
 347 Ala Cys Lys Cys Ile Val Arg Ala Thr Lys Gly Ile Ser Gly Ile Lys
 348             50                  55                  60
 350 aat gaa ctt gtc gcc gag gtc ccc aag aag tgc gat att aag acc act   240
 351 Asn Glu Leu Val Ala Glu Val Pro Lys Lys Cys Asp Ile Lys Thr Thr
 352 65                  70                  75                  80
 354 ctc ccg ccc atc acc gcc gac ttc gac tgc tcc aag atc caa agt act   288
```

RAW SEQUENCE LISTING   DATE: 09/06/2006
PATENT APPLICATION: US/10/590,940   TIME: 10:23:41

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF4\09062006\J590940.raw

```
355 Leu Pro Pro Ile Thr Ala Asp Phe Asp Cys Ser Lys Ile Gln Ser Thr
356              85              90              95
358 att ttc aga ggt tac tat gga ttc caa gaa acc agc ggg act atg gtg      336
359 Ile Phe Arg Gly Tyr Tyr Gly Phe Gln Glu Thr Ser Gly Thr Met Val
360              100             105             110
362 aga gcg ctg atg ccg tgc ctg ccg ttc gtg cag ggg aaa gag aaa gag      384
363 Arg Ala Leu Met Pro Cys Leu Pro Phe Val Gln Gly Lys Glu Lys Glu
364              115             120             125
366 ccg tca aag ggg agc agc agc ggc gcc aaa aga ttg gac ggg gag acg      432
367 Pro Ser Lys Gly Ser Ser Ser Gly Ala Lys Arg Leu Asp Gly Glu Thr
368              130             135             140
370 aag acg ggg ccg cag agg gtg cac gct tgt gag tgc atc cag acc gcc      480
371 Lys Thr Gly Pro Gln Arg Val His Ala Cys Glu Cys Ile Gln Thr Ala
372 145              150             155             160
374 atg aag act tat tcc gac atc gac ggg aaa ctc gtc agc gag gtc ccc      528
375 Met Lys Thr Tyr Ser Asp Ile Asp Gly Lys Leu Val Ser Glu Val Pro
376              165             170             175
378 aag cac tgc ggc atc gtt gac agc aag ctc ccg ccc att gac gtc aac      576
379 Lys His Cys Gly Ile Val Asp Ser Lys Leu Pro Pro Ile Asp Val Asn
380              180             185             190
382 atg gac tgc aag aca gtt gga gtg gtt cct cgg caa ccc caa ctt cca      624
383 Met Asp Cys Lys Thr Val Gly Val Val Pro Arg Gln Pro Gln Leu Pro
384              195             200             205
386 gtc tct ctc cgt cat ggt ccc gtc acg ggc cca agt gat ccc gcc cac      672
387 Val Ser Leu Arg His Gly Pro Val Thr Gly Pro Ser Asp Pro Ala His
388 210              215             220
390 aaa gca cgg ttg gag aga ccc cag att aga gtt ccg ccc ccc gca ccg      720
391 Lys Ala Arg Leu Glu Arg Pro Gln Ile Arg Val Pro Pro Pro Ala Pro
392 225              230             235             240
394 gaa aaa gcc taa                                                       732
395 Glu Lys Ala
```

VERIFICATION SUMMARY   DATE: 09/06/2006
PATENT APPLICATION: US/10/590,940   TIME: 10:23:42

Input Set : **A:\Sequence Listing.txt**
Output Set: **N:\CRF4\09062006\J590940.raw**

```
L:14  M:270 C: Current Application Number differs, Wrong Format
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:48
L:112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:48
L:113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:96
L:120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:144
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:192
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:192
L:125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:240
L:128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:240
L:129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:288
L:132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:288
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:336
L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:336
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:384
L:140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:384
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:432
L:144 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:432
L:145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:480
L:152 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:528
L:153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:576
L:156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:576
L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:624
L:276 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:16
L:285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:48
L:288 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:64
L:291 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:80
L:294 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:96
L:297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:112
L:300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:128
L:303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:144
L:309 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:176
L:312 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:192
L:332 M:200 E: Mandatory Header Field missing, <220> Tag not found for SEQ ID#:3
L:480 M:283 W: Missing Blank Line separator, <220> field identifier
```